TROVE™
Access & Power Integration

SECURITY — UL LISTED
SECURITY — c UL LISTED
SIGNALING — UL LISTED
CE

Trove1SP1
- Trove1 enclosure with Altronix/Suprema backplane (TSP1)

TSP1
- Altronix/Suprema backplane only

Installation Guide

Altronix®

More than just power.™

Rev. TSP022822

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____

Overview:
Altronix Trove1SP1 accommodates one (1) Suprema CoreStation module with or without Altronix power supply and sub-assemblies.

Specifications:
• 16 Gauge backplane and enclosure with ample knockouts for convenient access.

Trove1SP1
Trove1 enclosure with TSP1 Altronix/Suprema backplane
• Includes: tamper switch, cam lock, lock nuts, and mounting hardware.
  Enclosure Dimensions (H x W x D): 18" x 14.5" x 4.625" (457mm x 368mm x 118mm).

TSP1
Altronix/Suprema backplane only
• Includes mounting hardware.
  Dimensions (H x W x D): 16.625" x 12.5" x 0.3125" (422.3mm x 317.5mm x 7.9mm).

TSP1 accommodates a combination of the following:
• **Altronix Modules:**
    One (1) AL400ULXB2, AL600ULXB, AL1012ULXB, AL1024ULXB2, eFlow4NB, eFlow6NB, eFlow102NB or eFlow104NB.
    Two (2) ACM4, ACM4CB, AL175ULB, LINQ8PD, LINQ8PDCB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PDS8, PDS8CB
• **Suprema:**
    One (1) Suprema CoreStation module.

Agency Listings:
• UL 294 - 6th edition: Line Security I, Destructive Attack I, Endurance IV, Stand-by Power II*.
  *Stand-by Power Level I if no battery is supplied.
• This Class B digital apparatus complies with Canadian ICES-003.
  Cet appareil numérique de la classe B est conforme á la norme NMB-003 du Canada.
• CE European Conformity.

Installation Instructions for Trove1:
1. Remove backplane from enclosure prior to mounting (do not discard hardware).
2. Mark and predrill holes on the wall to line up with the top two keyholes in the enclosure. Install two upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure's upper keyholes over the two upper screws; level and secure. Mark the position of the lower two holes. Remove the enclosure. Drill the lower holes and install the two fasteners. Place the enclosure's upper keyholes over the two upper screws. Install the two lower screws and make sure to tighten all screws.
3. Mount included UL Listed tamper switch (Altronix Model TS112 or equivalent) in desired location, opposite hinge. Slide the tamper switch bracket onto the edge of the enclosure approximately 2" from the right side *(Fig. 1, pg. 1)*. Connect tamper switch wiring to the Access Control Panel input or the appropriate UL Listed reporting device. To activate alarm signal open the door of the enclosure.
4. Mount Altronix/Suprema modules to TSP1 backplane, refer to *page 3.*

Fig. 1

Hardware:

◇▭ Nylon Spacer | ▭ 5/16" Pan Head Screw | ◎ Lock Nut

Enclosure

Edge of Enclosure

Tamper Switch (included)

To Access Control Panel or UL Listed Reporting Device
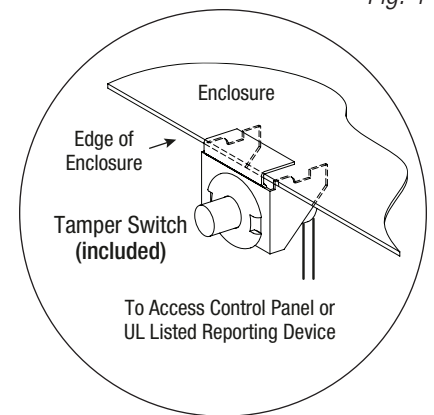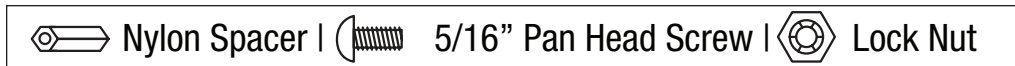
Configuration of Altronix Power Supply and/or Sub-Assemblies and Suprema CoreStation module:

1. Fasten metal and snap on spacers (provided) to pems which match the hole pattern for Altronix Power Supply/Chargers or Altronix Sub-Assembly boards *(Fig. 2, 2a, pg. 3)*. Note: Please fasten metal and snap on spacers in the proper locations *(Fig. 2, pg. 3)*.
2. Mount boards to spacers utilizing 5/16" pan head screws (provided) *(Fig. 2, pg. 3)*.
3. Mount module to spacers utilizing 5/16" pan head screws (provided) *(Fig. 2, 2a, pg. 3)*.
   Note: Suprema CoreStation modules have one (1) RJ45 jack each. Please make sure that it is mounted correctly, as shown in *Fig. 2* below.
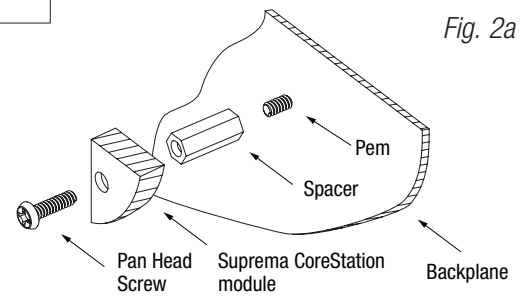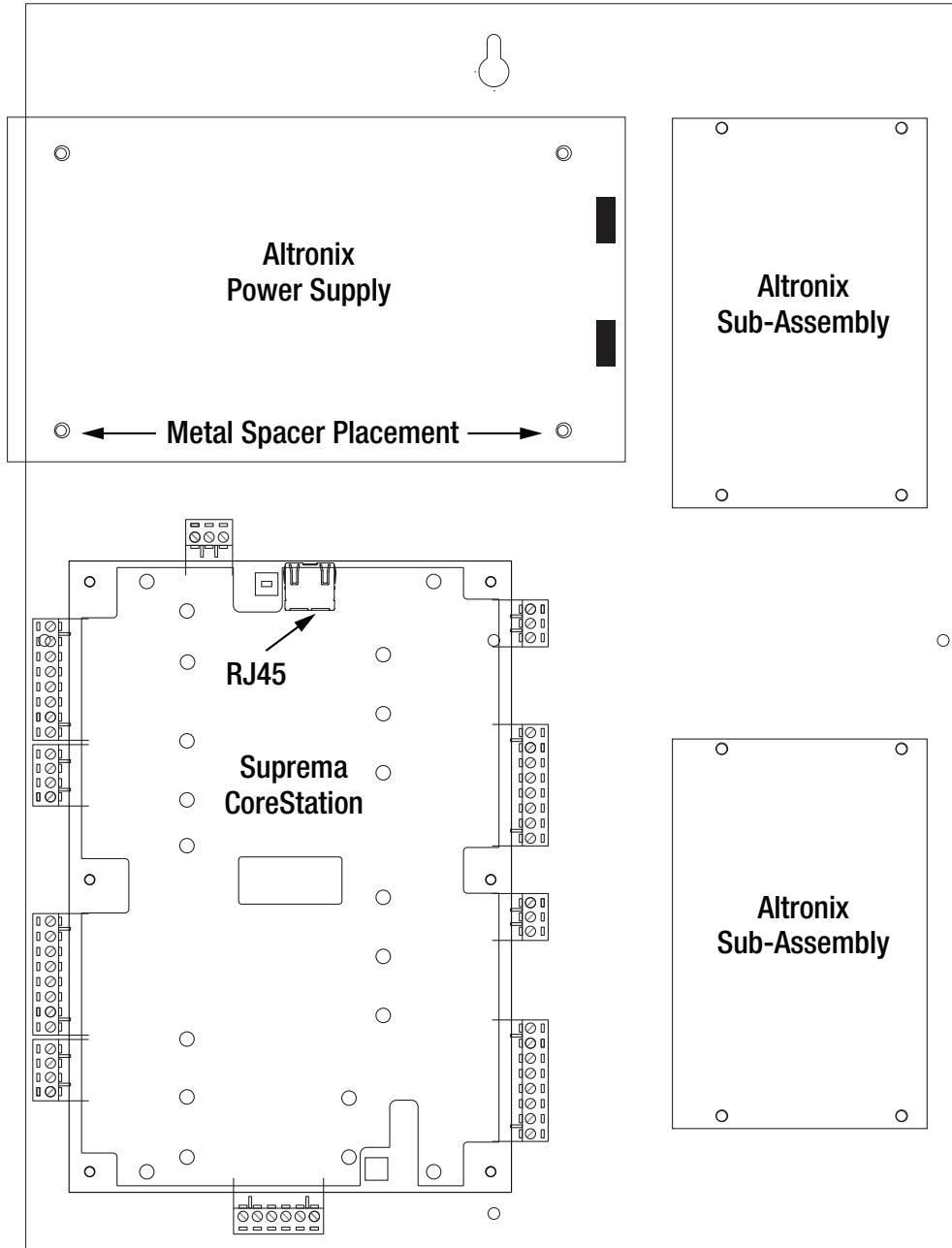4. Fasten backplane to Trove1 enclosure utilizing pan head screws (provided).
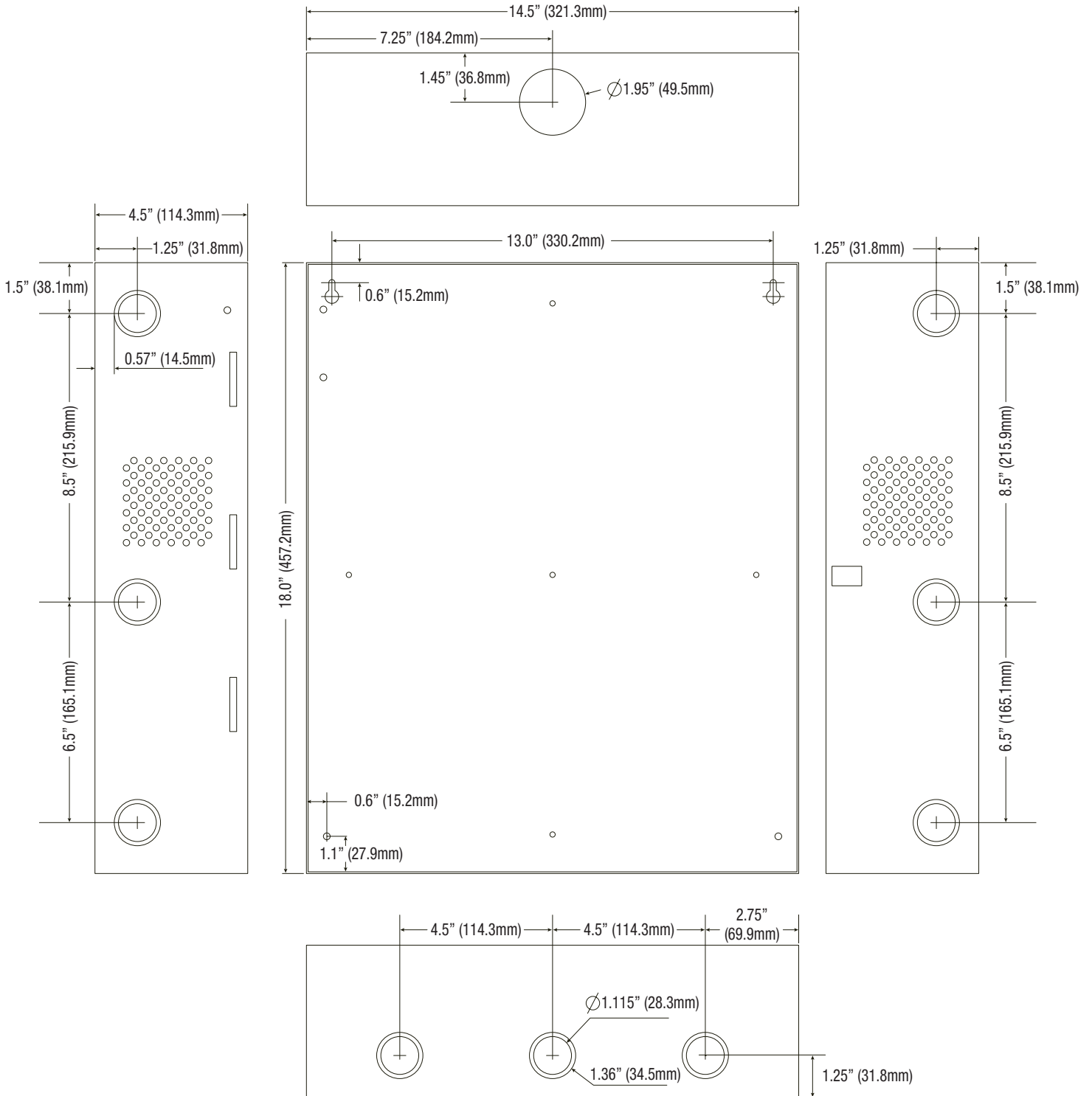
Fig. 2

Altronix
Power Supply

Altronix
Sub-Assembly

Metal Spacer Placement

RJ45

Suprema
CoreStation

Altronix
Sub-Assembly

Fig. 2a

Pem

Spacer

Pan Head
Screw

Suprema CoreStation
module

Backplane

Trove1SP1 Enclosure Dimensions (H x W x D):

18" x 14.5" x 4.625" (457mm x 368mm x 118mm)

14.5" (321.3mm)

7.25" (184.2mm)

1.45" (36.8mm)

⌀1.95" (49.5mm)

4.5" (114.3mm)

1.25" (31.8mm)

1.5" (38.1mm)

0.57" (14.5mm)

8.5" (215.9mm)

6.5" (165.1mm)

13.0" (330.2mm)

0.6" (15.2mm)

18.0" (457.2mm)

0.6" (15.2mm)

1.1" (27.9mm)

1.25" (31.8mm)

1.5" (38.1mm)

8.5" (215.9mm)

6.5" (165.1mm)

4.5" (114.3mm)

4.5" (114.3mm)

2.75" (69.9mm)

⌀1.115" (28.3mm)

1.36" (34.5mm)

1.25" (31.8mm)

B28V

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